



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Shunpei Yamazaki et al. Art Unit : 2812
Serial No. : 10/081,971 Examiner : Christopher Lattin
Filed : February 20, 2002 Confirmation No.: 2205
Title : METHOD AND APPARATUS FOR FILM DEPOSITION

Mail Stop Amendment

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REPLY TO ACTION OF OCTOBER 1, 2004

In reply to the Office Action of October 1, 2004, applicant submits the following remarks.

Claims 1-11, 19, 20 and 24-54 are pending in this application, with claims 1, 19, 20, 33, 44 and 51 being independent.

Applicant acknowledges with appreciation the Examiner's allowance of claims 20 and 51-54.

Claims 1-11, 19 and 24-49 have been rejected as being anticipated by Jung (US 2002/0018912A). With respect to claim 1 and its dependent claims, applicant requests reconsideration and withdrawal of this rejection because Jung does not describe or suggest forming a first function region comprising a first organic compound on an electrode, forming a mixed region comprising the first organic compound and a second organic compound on the first function region, and forming a second function region comprising the second organic compound on the mixed region.

In making the rejection, the Examiner relies on the statement by Jung, in paragraph 0036, that "It is also possible to deposit simultaneously more than two organic compounds with this vacuum deposition chamber." In particular, the Examiner indicates that this statement would have inherently led to a mixed region of first and second organic compounds. While applicant agrees that simultaneously depositing two organic compounds would result in a layer containing a mixture of those compounds, doing so would in no way result in the recited stacked arrangement of a first function region comprising a first organic compound, a second function region comprising a second organic compound, and a mixed region comprising the first and

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second organic compounds and interposed between the first and second function regions. Nor does Jung anywhere else describe or suggest such an arrangement. Accordingly, for at least this reason, applicant requests reconsideration and withdrawal of the rejection of claim 1 and its dependent claims.

As independent claims 19, 33 and 34 also recite a stacked arrangement of a first function region, a mixed region, and a second function region, applicant requests reconsideration and withdrawal of the rejection of those claims and their independent claims for the reasons discussed above with respect to claim 1.

Applicant submits that all claims are in condition for allowance.

Please apply any charges or credits to deposit account 06-1050.

Respectfully submitted,

Date: 1/3/05



John F. Hayden
Reg. No. 37,640

Customer No. 26171
Fish & Richardson P.C.
1425 K Street, N.W., 11th Floor
Washington, DC 20005-3500
Telephone: (202) 783-5070
Facsimile: (202) 783-2331